

Title (en)

BASIC PROTEIN PURIFICATION TAGS FROM THERMOPHILIC BACTERIA

Title (de)

BASISCHE PROTEINREINIGUNGSTAGS AUS THERMOPHILEN BAKTERIEN

Title (fr)

ETIQUETTES DE PURIFICATION DE PROTEINES BASIQUES PROVENANT DES BACTERIES THERMOPHILES

Publication

EP 1874798 A1 20080109 (EN)

Application

EP 06743274 A 20060410

Priority

- EP 2006061493 W 20060410
- DK PA200500549 A 20050415

Abstract (en)

[origin: WO2006108826A1] The invention is related to a method for purification of recombinant proteins using highly basic proteins from thermophilic bacteria as purification tags for use in a cation-exchange chromatography purification step. The basic proteins may be ribosomal proteins. The recombinant proteins are expressed in eukaryotic or prokaryotic host cells. The purification tag will typically have a pI above about 9 and comprise from about 15 to about 250 amino acid residues.

IPC 8 full level

C07K 1/18 (2006.01); **C07K 1/22** (2006.01); **C12N 15/62** (2006.01)

CPC (source: EP US)

C07K 1/04 (2013.01 - EP US); **C12N 15/62** (2013.01 - EP US); **C07K 2319/20** (2013.01 - EP US)

Citation (search report)

See references of WO 2006108826A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006108826 A1 20061019; EP 1874798 A1 20080109; JP 2008537884 A 20081002; JP 5362349 B2 20131211; US 2009306352 A1 20091210; US 2012083027 A1 20120405; US 8137929 B2 20120320; US 8426566 B2 20130423

DOCDB simple family (application)

EP 2006061493 W 20060410; EP 06743274 A 20060410; JP 2008505880 A 20060410; US 201113309282 A 20111201; US 91156306 A 20060410